



New estimates of the Higgs physics potential of the HL-LHC phase from the ATLAS experiment.

Tuesday, 11 December 2018, DESY Auditorium, 16:45 h

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Reference: <http://hilumilhc.web.cern.ch/>

In the context of the 2020 update of the European Strategy for Particle Physics, the LHC experiments are currently producing new, refined estimates of the expected physics reach of the high-luminosity phase of the LHC (HL-LHC). We will discuss highlights of the refined estimates related to the Higgs boson, with emphasis on the study of di-Higgs production. The physics motivation and the potential implications of the projected measurements will be discussed.

➤ **Coffee, tea and cookies will be served at 16:30h**

➤ **After the colloquium there is a chance for private discussions with the speaker over drinks and pretzels**

